

L15 ANSWER 1 OF 1 CA COPYRIGHT 2009 ACS on STN

AN 99:163146 CA

OREF 99:24949a,24952a

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TI Inorganic foamed products

PA Dainippon Ink and Chemicals, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC C04B021-00

CC 58-4 (Cement, Concrete, and Related Building Materials)

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI JP 58099157	A	19830613	JP 1981-196351	19811208
PRAI JP 1981-196351		19811208		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 58099157	IC	C04B021-00
	IPCI	C04B0021-00
	IPCR	C04B0038-00 [I,C*]; C04B0038-00 [I,A]

AB Water glass, H₂O₂, and Al phosphate powder are mixed to give an inorg. foamed product for manufacturing sound absorbers, thermal insulators, catalyst supports, etc. Thus, 40% water glass 100, Al(OH)₃ 100, Al tripolyphosphate powder 10, 30% H₂O₂ 10, 0.5% KMnO₄ 2, nonionic surfactants 0.5, and water 20 parts were mixed, hardened, and dried to obtain a foamed product with d. 0.30 and compressive strength 6 kg/cm².

ST water glass foamed building material

IT Polyphosphoric acids

RL: USES (Uses)

(aluminum salts, in building materials from sodium silicate and aluminum hydroxide)

IT Building materials

(lightwt., from sodium silicate and aluminum hydroxide, containing aluminum polyphosphate and potassium permanganate)

IT 1344-09-8

RL: USES (Uses)

(building materials from aluminum hydroxi